

NEW YORK STATE DEPARTMENT OF HEALTH ENVIRONMENTAL LABORATORY APPROVAL PROGRAM

Proficiency Test Report

Lab Id: 11642 USGS NATIONAL WATER QUALITY LABORATORY
 EPA Lab Code: POB 25046-MS 407-BLDG 95
 CO00009 DENVER, CO 80225-0046
 (303) 236-2000
 Director: MR. MERLE SHOCKEY

Shipment Date : 24-Jul-2006
 Closing Date : 31-Aug-2006
 Score Date : 20-Sep-2006

This report may contain data that are not covered by the NVLAP accreditation.

** Indicates NVLAP accredited analyte evaluated using the USEPA's National Standards for Water Proficiency Testing Studies Criteria Document.
 NVLAP Lab Code 200387-0. ELAP is an A2LA accredited Proficiency Testing Provider. Certificate Number 1785.01

Shipment: 295 Non Potable Water Chemistry

Analyte Name	Units	Sample ID	Method	Result	Mean/Target *	Warning Limits	Acceptance Limits	Score
Sample: Non Potable Water Metals I and II								
Zinc, Total ** EPA Code: N/A	ug/L	9511	USGS I-4471-97	1690	1630 *	1480 - 1790	1400 - 1870 141 passed out of 150 reported results.	Satisfactory
Zinc, Total ** EPA Code: N/A	ug/L	9511	USGS I-4472-97	1650	1630 *	1480 - 1790	1400 - 1870 141 passed out of 150 reported results.	Satisfactory
Sample: Non Potable Water Metals III								
Molybdenum, Total ** EPA Code: N/A	ug/L	9511	USGS I-4471-97	286	287 *	256 - 315	241 - 330 103 passed out of 107 reported results.	Satisfactory
Molybdenum, Total ** EPA Code: N/A	ug/L	9511	USGS I-4472-97	287	287 *	256 - 315	241 - 330 103 passed out of 107 reported results.	Satisfactory
Sample: Non Potable Water Minerals								
Chloride ** EPA Code: N/A	mg/L	9508	USGS I-2057-85	209.3	214 *	194 - 232	185 - 242 128 passed out of 133 reported results.	Satisfactory
Sulfate (as SO4) ** EPA Code: N/A	mg/L	9508	USGS I-2057-85	36.6	38.0 *	33.0 - 42.0	30.7 - 44.3 105 passed out of 110 reported results.	Satisfactory
Sample: Non Potable Water Minerals II								
Calcium, Total ** EPA Code: N/A	mg/L	9537	USGS I-4471-97	57.1	57.3 *	53.5 - 62.7	51.2 - 65.0 84 passed out of 88 reported results.	Satisfactory
Potassium, Total ** EPA Code: N/A	mg/L	9537	SM 18-20 3120B	29.3	28.9 *	25.6 - 32.7	23.9 - 34.4 81 passed out of 87 reported results.	Satisfactory
Magnesium, Total ** EPA Code: N/A	mg/L	9537	USGS I-4471-97	13.9	13.8 *	12.5 - 15.2	11.8 - 15.8 92 passed out of 92 reported results.	Satisfactory
Sodium, Total ** EPA Code: N/A	mg/L	9537	USGS I-4471-97	70.4	73.6 *	66.1 - 80.7	62.5 - 84.4 83 passed out of 89 reported results.	Satisfactory